THE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

Inventor:	TOMONOBU TSUCHIYA AND TSUKURU OHTOSHI
FOR:	SEMICONDUCTOR OPTICAL DEVICES AND OPTICAL MODULES

22856 U.S.P. 10/782897

Enclosed are:

- 8 sheets of □ formal □ informal drawings.
- III Transmittal of Japanese Patent Application No. 2003-415251 to claim priority date of December 12, 2003
- An assignment of the invention to Hitachi., Ltd. and OpNext Japan, Inc..
- A Preliminary Amendment
- An Information Disclosure Statement
- ☑ The filing fee is calculated as shown below:

For	NUMBER FILED		Number Extra	RATE	CALCULATIONS
TOTAL CLAIMS	19	-20 ·	0	x\$18 =	0.00
INDEPENDENT CLAIMS	3	-3	5	x\$86 =	0.0
MULTIPLE DEPEN	IDENT CL	AIM(S) (i	**	+\$290 =	\$770.0
and the state.			BASIC FEE TOTAL OF ABOVE		\$770.0
			ote 37 C.F.R. § 1.9 1.27, 1.28).		
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☒ A check in the amount of \$810.00 to cover the filing and assignment fees is enclosed.

☑ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R.§ 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher

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REED SMITH LLP

3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200 February 23, 2004